

Sub
C1

a releasable latching device for latching said spring apparatus in the cocked position.

51. (New) A hypodermic injection system comprising:

a housing for housing at least one injectate container for an injectate to be injected from the system into a body;

a member for holding the respective injectate container(s) in position during the injection process for proper injection into the body; and

latching and release apparatus for releasably latching said containers held by said member from said housing without any physical contact by the user, for non-contaminating disposal after the injection process.

52. (New) A hypodermic injection system comprising:

a housing for housing at least one disposable injectate cartridge for an injectate to be injected from the system into a body;

disposable injectate-cartridges including:

an outer wall having an inner wall surface defining an inner chamber; and

a plunger engaging said inner wall surface and being movable in said chamber; said plunger defining an injectate-holding portion of said chamber, said injectate-holding portion of at least one cartridge comprising a rupturable seal dividing said holding portion into two compartments, one of said compartments holding a lyophilized part of an injectate and the other of said compartments holding a predetermined amount of fluid for mixing the components of the injectate; and said chamber having an injectate dispensing end having an exit nozzle, said plunger being drivable into said injectate-holding portion to dispense the injectate through said respective nozzles from said respective cartridges during the injection process;

latching and release apparatus for releasably latching of said cartridges held by said member to said housing during the injection process, and for releasing said cartridge held by said member from said housing without any physical contact by the user, for non-contaminating disposal after the injection process; and

a device for rupturing the seal of said cartridges.